BRUHATH BANGALORE MAHANAGARA PALIKE

SCHEDULE - B

Name of Work : Improvements to roads at Soundarya Layout 11th Cross Connecting to New Extn in Ward No. 14, Bagalagunte

Sl. No	Description	Unit	Qty	Rates	
				In Figs	In Words
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. with all leads and lifts including conveying the excavated earth silt debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of engneer in charge of the work	Cum	757.35	170.92	Rupees one hundred seventy and ninety-two paise only
2	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specificatio	Sqm	2524.50	5.30	Rupees five and thirty paise only
3	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Grading I Material.	Cum	378.67	1518.98	Rupees one thousand, five hundred eighteen and ninety-eight paise only
4	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	378.67	1768.08	Rupees one thousand, seven hundred sixty-eight and zore eight paise only
5	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications.	Sqm	2524.50	27.56	Rupees twenty-seven and fifty-six paise only

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Sl No	Description	Unit	Qty	Rates	
				In Figs	In Words
6	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	5049.00	11.66	Rupees eleven and sixty-six paise only
7	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen	Sqm	126.23	5237.46	Rupees five thousand, two hundred thirty-seven and forty-six paise only
8	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No.509. using 40/60 TPH capacity HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen (	Cum	75.74	7270.54	Rupees seven thousand, two hundred seventy and fifty-four paise only
9	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm'	34.43	542.72	Rupees five hundred forty-two and seventy-two paise only

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